

ABSTRACT OF THE DISCLOSURE

There is provided a collector for guiding light with a wavelength of ≤ 193 nm onto a plane. The collector includes a first mirror shell for receiving a first
5 ring aperture section of the light and irradiating a first planar ring section of the plane with a first irradiance, and a second mirror shell for receiving a second ring aperture section of the light and irradiating a second planar ring section of the plane with a second irradiance. The first and second mirror shells are rotationally symmetrical and concentrically arranged around a common axis of rotation, the
10 first and second ring aperture sections do not overlap with one another, the first planar ring section substantially abuts the second planar ring section, and the first irradiance is approximately equal to the second irradiance.